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dispatch table" index compacting Search

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J Vitek, BN Horspool - Proceedings of the 6th International Conference on Compiler ... 1996 - Springer
... and intuitive technique for generating compact selector-indexed ... the cost of searching
a dispatch table and the ... the method selector to obtain an index into the ...
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Fast dispatch mechanisms for stock hardware - all 2 versions »
JR Roca - ACM SIGPLAN Notices, 1993 - portal.acm.org
... a slow dispatch mechanism with a compact dispatch table representation ... stream, and
so tradeoffs between compact-ness and ... tag have yielded an index and table ...
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Message Dispatch on Pipelined Processors - all 6 versions »
K Driesen, U Holzle, J Vitek - ECOOP '95: European Conference on Object-Oriented Programming, 1995 - Springer
... CT Compact Tables ... combined with the message selector, hashes into an index in a ... Otherwise,
a dispatch table search finds the correct method, and the new class ...
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[PDF] Compact dispatch tables for dynamically typed programming languages - all 5 versions »
J Vitek - Proceedings of the International Conference on Compiler ... 1998 - cu.unige.ch
... Instead, a number of dispatch table compression algorithms have been proposed [7 ...
presents a fast and intuitive technique for generating compact selector-indexed ...
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Minimizing row displacement dispatch tables - all 3 versions »
K Driesen, U Holzle - Proceedings of the tenth annual conference on Object- ... 1995 - portal.acm.org
... this technique boils down to in terms of the two-dimensional dispatch table is the ...
a column if none of their occupied entries have the same index (ie, they do ...
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Multi-method dispatch using single-receiver projections - all 2 versions »
W Holst, D Szafron, Y Leontiev, G Pang - Department of Computer Science, University of Alberta, ... 1998 - citeseer.ist.psu.edu
... Fast algorithms for compressed multi-method dispatch table g. - Dujardin ... 1997 DBLP
10 Compact dispatch tables ... csd.uwo.ca/~wade/Courses/cs434/index.html: More ...
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The Implementation of Ada 2005 Interface Types in the GNAT Compiler - all 3 versions »
J Miranda, E Schonberg, G Diamukes - 10th International Conference on Reliable Software ... 2005 - Springer
... Unfortunately, the resulting dispatch table is too large and very ... Se-lective Coloring,
Row Displacement, and Compact Selector-Index Dispatch Tables ...
Cited by 4 - Related Articles - Web Search

Incremental Table-Based Method Dispatch for Reflective Object-Oriented Languages - all 7 versions »
W Holst, D Szafron - Proceedings of TOOLS USA - dal.jee.computersociety.org
... and selectors are assigned numbers which serve as indexes into the dispatch table.
We have arbitrarily chosen to index rows by selectors and columns by ...
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Object-Oriented Architectural Support for a Java Processor - all 10 versions »
N Vijaykrishnan, N Ranganathan, R Gadekari - Proceedings of the 12th European Conference on Object- ... 1998 - Springer
... to find the up-to-date data after garbage collection and heap compaction efficiently ...
255, the quick format variation of the instruction contains an index to the ...
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A General Framework for Inheritance Management and Method Dispatch in Object-Oriented Languages - all 6 versions »
W Holst, D Szafron - Proceedings of ECOOP '97 - Springer
... shifted to the right by the index amount, the ... Function Tables (IES90) have a different
dispatch table for each ... 5. CT: Compact Selector-Indexed Dispatch Tables ...
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